

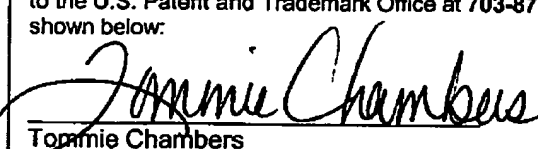
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From: W. Daniel Swayze, Jr.  
Texas Instruments Incorporated  
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| CERTIFICATION OF FACSIMILE TRANSMISSION  |                          |
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| <table border="1"> <tr> <td colspan="2">NAME OF INVENTOR(S):<br/>Jiang</td> <td colspan="2">RECEIPT DATE &amp; SERIAL NO.:</td> </tr> <tr> <td colspan="2">TITLE OF INVENTION:<br/>AN EFFICIENT DIGITAL AUDIO AUTOMATIC GAIN CONTROL</td> <td colspan="2">Serial No.: 09/828,116</td> </tr> <tr> <td colspan="2">TI FILE NO.:<br/>TI-32309</td> <td colspan="2">Filing Date: 4/6/2001</td> </tr> <tr> <td colspan="2">DEPOSIT ACCT. NO.:<br/>20-0668</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">FAXED: 11/05/2004<br/>DUE: 10/27/2004<br/>ATTY/SEC'Y: WDS/tdc</td> <td colspan="2"></td> </tr> </table> |  | NAME OF INVENTOR(S):<br>Jiang |  | RECEIPT DATE & SERIAL NO.: |  | TITLE OF INVENTION:<br>AN EFFICIENT DIGITAL AUDIO AUTOMATIC GAIN CONTROL |  | Serial No.: 09/828,116 |  | TI FILE NO.:<br>TI-32309 |  | Filing Date: 4/6/2001 |  | DEPOSIT ACCT. NO.:<br>20-0668 |  |  |  | FAXED: 11/05/2004<br>DUE: 10/27/2004<br>ATTY/SEC'Y: WDS/tdc |  |  |  |
| NAME OF INVENTOR(S):<br>Jiang  |  | RECEIPT DATE & SERIAL NO.:    |  |                            |  |  |  |                        |  |                          |  |                       |  |                               |  |  |  |   |  |  |  |
| TITLE OF INVENTION:<br>AN EFFICIENT DIGITAL AUDIO AUTOMATIC GAIN CONTROL   |  | Serial No.: 09/828,116        |  |                            |  |  |  |                        |  |                          |  |                       |  |                               |  |  |  |   |  |  |  |
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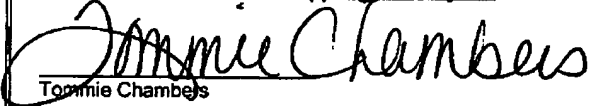
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|            |   |            |                 |
|------------|---|------------|-----------------|
| Applicant: | Jiang   | Docket No: | TI-32309        |
| Serial No: | 09/828,116  | Examiner:  | Grier, Laura A. |
| Filed:     | 4/6/2001  | Art Unit:  | 2644            |
| For:       | AN EFFICIENT DIGITAL AUDIO AUTOMATIC GAIN CONTROL |            |                 |

**AMENDMENT UNDER 37 C.F.R. § 1.115**

Assistant Commissioner For Patents  
Washington, DC 20231

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| <p><b><u>CERTIFICATION OF FACSIMILE TRANSMISSION</u></b></p> <p>I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at 703-872-9306 on <u>11-5-04</u>:</p> <p><br/>Tommie Chambers</p> |
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Dear Sir:

Responsive to the Office Action mailed July 27, 2004 in connection with the above identified application, Applicants respectfully submit the following amendments and remarks.